

Polypeptide N-Acetylgalactosaminyltransferase 11 (GALNT11)

Product Information

Cat#	DIA-794
Descriptions	Polypeptide N-acetylgalactosaminyltransferase 11 (GALNT11) mediates O-glycosylation of specific protein substrates including Notch receptors, regulates developmental signaling pathways, and plays critical roles in embryonic development and tissue morphogenesis.
Applications	Polypeptide N-acetylgalactosaminyltransferase 11 (GALNT11) is used for Notch signaling glycosylation detection kits and developmental glycan regulation assay reagent development.
CAS No.	24-01-4115
Enzyme Commission Number	EC 2.4.1.41
Enzyme Source	CHO-derived
Reaction	L-seryl-[protein] + UDP-N-acetyl-alpha-D-galactosamine = 3-O-[N-acetyl-alpha-D-galactosaminyl]-L-seryl-[protein] + H ⁺ + UDP
Activity Definition	Measured by its ability to transfer GalNAc from UDP-GalNAc to peptide EA2.